

Fig. 1

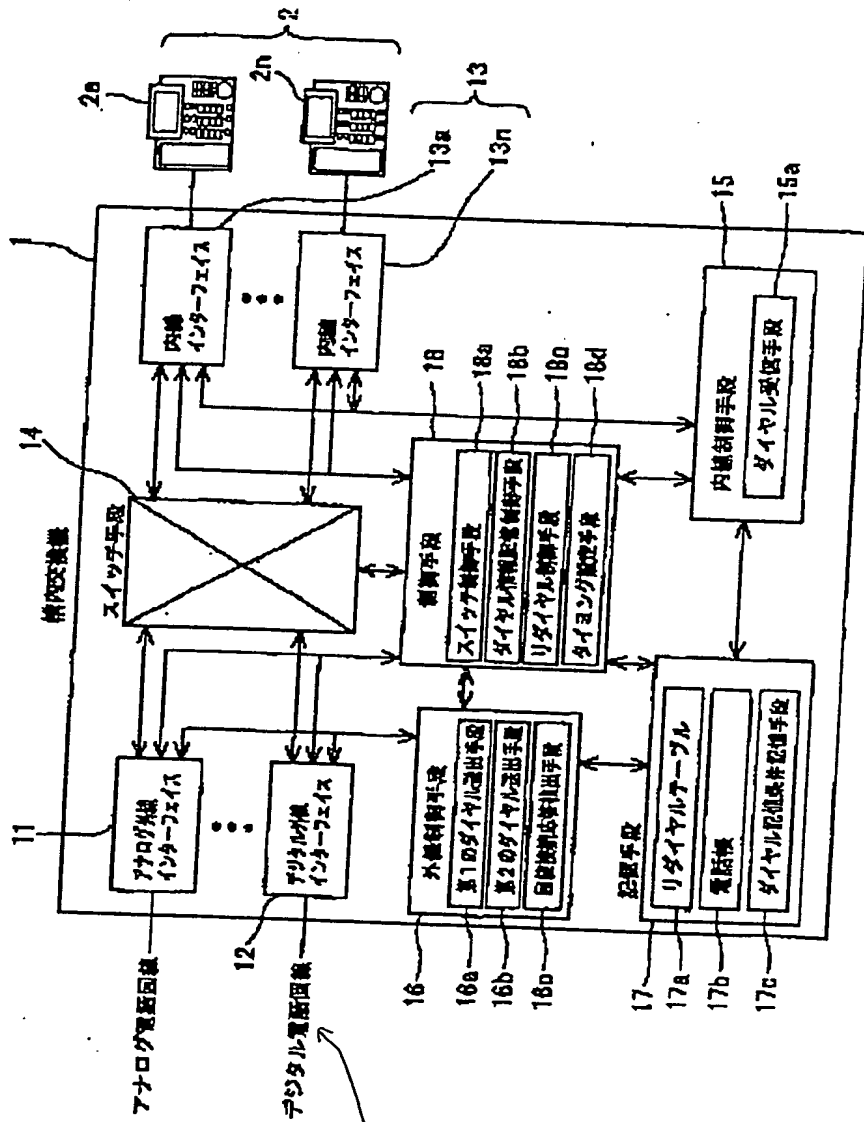


Fig. 1

1: Private branch exchange (PBX)

11: Analog outside line interface

Analog telephone line

12: Digital outside line interface

Digital telephone line

13a: Extension interface

13n: Extension interface

14: Switch means

15: Extension control means

15a: Dial reception means

16: Outside line control means

16a: First dial transmission means

16b: Second dial transmission means

16c: Connection signal detector

17: Storage means

17a: Radial table

17b: Telephone directory

17c: Dial storage condition storing means

18: Control means

18a: Switch control means

18b: Dial information storage control means

18c: Radial control means

18d: Timing setting means

Fig. 2

① 電話機	② 捕捉手段	③ リダイヤルデータ
Tel 1	④ デジタル空き外線捕捉	00247721 × × P1234
Tel 2	⑤ TRG指定捕捉	007212〇〇
Tel 3	TIE	95210△△P155
Tel 4	⋮	
Tel 5	⋮	
Tel 6	⋮	
Tel 7	⋮	
Tel 8	⋮	
Tel 9	⋮	
Tel 10	⑥ 空き外線捕捉	00243121◇◇

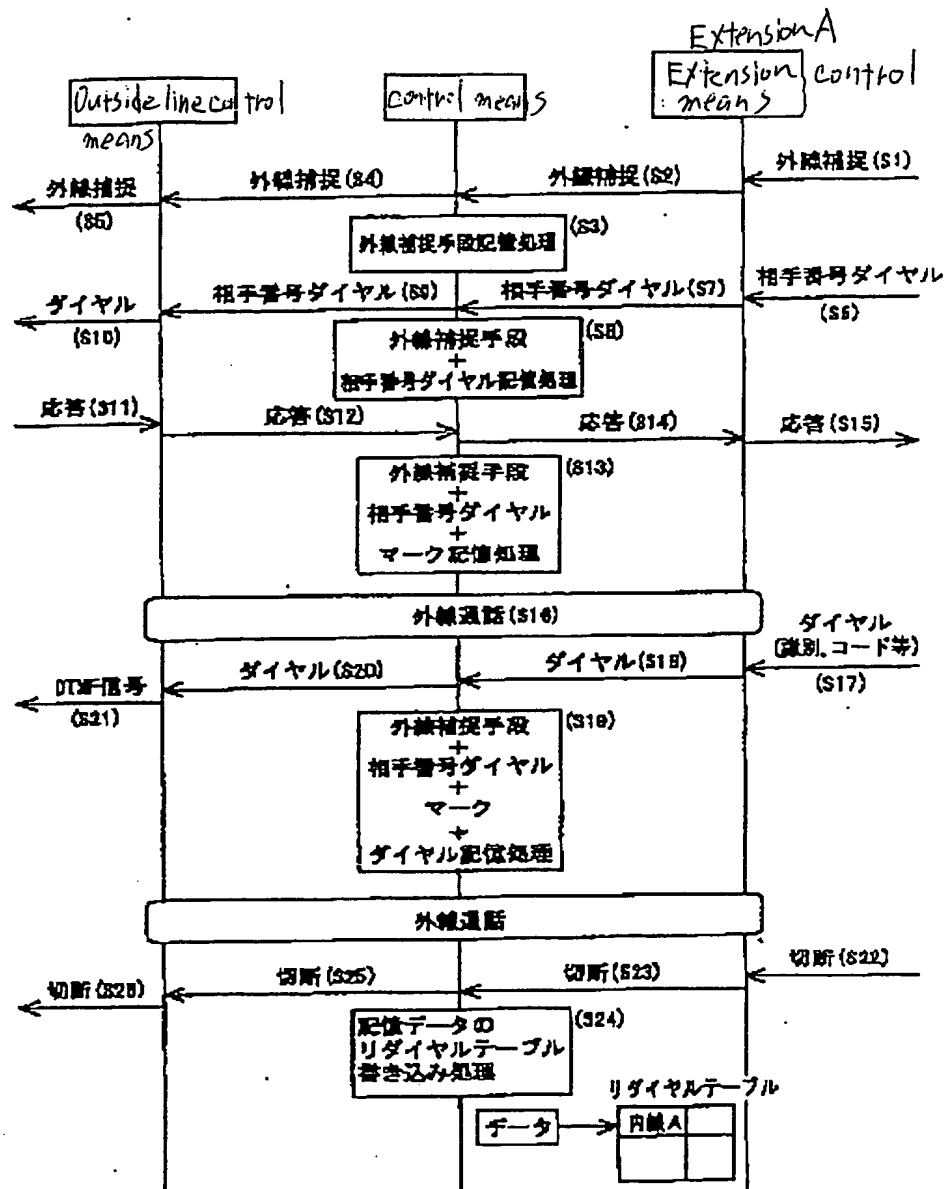
Fig. 2

- ① telephone apparatus    ② Seizure means    ③ Redial data
- ④ Idle digital outside line seizure
  - ⑤ Specified trunk group (TRG) seizure
  - ⑥ Idle outside line seizure

Fig. 3.

Outside line seizure (S1)  
Outside line seizure (S2)  
Outside line seizure means storage processing (S3)  
Outside line seizure (S4)  
Outside line seizure (S5)  
Dialing the called number (S6)

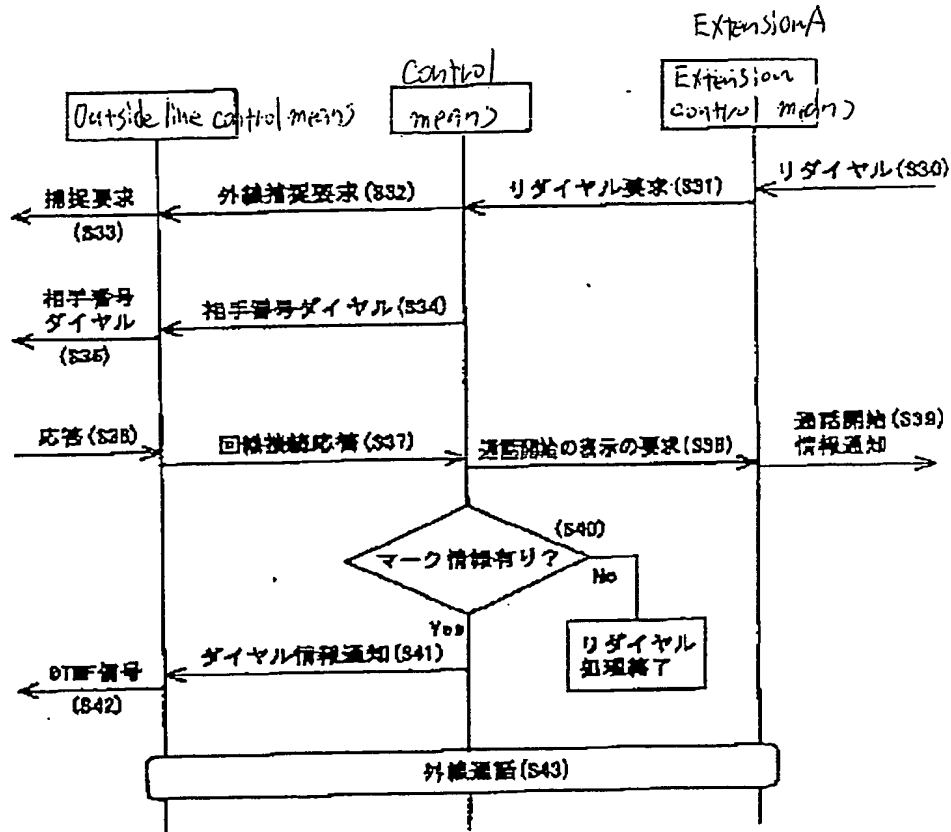
Dialing the called number (S7)  
Store outside line seizure means +  
called number dialing (S8)  
Dialing the called number (S9)  
Dialing (S10)  
Answer (S11)  
Answer (S12)



Store outside line seizure means +  
called number dialing +  
mark (S13)  
Answer (S14)  
Answer (S15)  
Outgoing call (S16)  
Dial (type, code) (S17)  
Dial (S18)  
Store outside line seizure means +  
called number dialing +  
mark +  
Dial (S19)  
Dial (S20)

DTMF signal (S21)  
Outgoing call  
Release (S22)  
Release (S23)  
Write target data to redial table (S24)  
Data Redial table  
Extension A  
Release (S25)  
Release (S26)

Fig. 4



Redial (S30)

Redial request (S31)

Outside line seizure request (S32)

Seizure request (S33)

Called number dialing (S34)

Called number dialing (S35)

Answer (S36)

Connection signal (S37)

Request for display of call start (S38)

Notice of call start information (S39)

Mark information present? (S40)

Redial processing complete

Dial information notice (S41)

DTMF signal (S42)

Outgoing call (S43)